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ABSTRACT OF THE DISCLOSURE

P12/66

A protection method for manual ejection operation of optical disk drive is proposed. In the present method, a locked state is set when the optical disk drive is in normal rotation. The load-sensing switch would turn to the on position (stage) when the optical disk is loaded in the tray and in the rotating state. When a manual ejection operation with manual ejection function is activated, the load-sensing switch would turn to the off position (stage). A controller senses the stage change from on position to off position. Then, the controller applies a voltage to the tray motor and the position of the load-sensing switch is returned to the on position. Therefore, a locked state is maintained.